

# Comparisons of Job Characteristics

**Focus Occupation:** Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033)

**Associated Occupation:** Ophthalmic Laboratory Technicians (51-9083)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 53

**Focus Occupation:** Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic(51-4033)  
**Associated Occupation:** Ophthalmic Laboratory Technicians (51-9083)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	10.4	5.1	<< Extensive education and/or training may be required
Computers and Electronics	8.4	8.8	4.2	<< Extensive education and/or training may be required
Clerical	7.3	6.5	3.1	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation:** Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic(51-4033)  
**Associated Occupation:** Ophthalmic Laboratory Technicians (51-9083)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Quality Control Analysis	5.9	11.0	12.2	> Skill level is likely sufficient
Operation and Control	5.4	9.6	13.0	>> Skill level is likely more than sufficient
Equipment Selection	3.3	7.6	6.7	< A higher skill level may be required
Repairing	3.4	6.6	6.6	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation: Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic(51-4033)**

**Associated Occupation: Ophthalmic Laboratory Technicians (51-9083)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Near Vision	11.1	14.4	11.8	<	Some improvement in abilities may be required
Control Precision	6.6	13.5	14.4	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	12.6	10.6	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.2	11.0	0	Current ability level may be sufficient
Finger Dexterity	7.6	11.0	10.2	0	Current ability level may be sufficient
Rate Control	3.8	10.1	10.2	0	Current ability level may be sufficient
Depth Perception	5.3	8.5	9.7	>	Current ability level is likely sufficient
Wrist-Finger Speed	3.2	7.7	7.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 90

**Focus Occupation: Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic(51-4033)**

**Associated Occupation: Ophthalmic Laboratory Technicians (51-9083)**

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Lay out machining, welding or precision assembly projects	63
Load or unload material or workpiece into machinery	34
Measure, weigh, or count products or materials	17
Monitor production machinery/equipment operation to detect problems	27
Operate metal or plastic fabricating equipment/machinery	54
Perform safety inspections in manufacturing or industrial setting	33
Read blueprints	10
Read technical drawings	7
Read work order, instructions, formulas, or processing charts	9
Set up production equipment or machinery	51
Understand machine setup instructions	74
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic(51-4033)**

**Associated Occupation: Ophthalmic Laboratory Technicians (51-9083)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.